

STEREO MOC Status Report
Time Period: 2013:245 - 2013:251

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 247, during the DSS-15 support, turbo decoder lock was lost intermittently beginning at 1957z through 2038z. This anomaly resulted in the loss of 14 frames of SSR data.
 - On day 251, during the DSS-63 support, turbo decoder lock was lost briefly at 0714z . This anomaly resulted in the loss of 1893 frames of SSR data. See DR #M107513 for more information.
 - On day 251, during the DSS-34 support, turbo decoder lock was lost briefly at 2318z . This anomaly resulted in the loss of one frame of SSR data

2. The following spacecraft/instrument events occurred during this week:
 - On day 246, the 27th SECCHI stepped calibration was executed at 0145z for the aphelion in the orbit.
 - On day 247, the 3rd annual battery conditioning event was conducted successfully at 1500z on the Ahead spacecraft to redistribute the electrolytes within the nickel hydrogen battery cells.
 - The average daily SSR playback volume for Ahead was 4.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 245, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1656z through 1814z. This anomaly resulted in the loss of eight frames of SSR data.

- On day 246, during the DSS-15 support, turbo decoder lock was lost intermittently beginning at 2211z through 247-0111z due to bad weather. This anomaly resulted in the loss of 17783 frames of SSR data. See DR #G114237 for more information.
- On day 248, during the DSS-14 support, turbo decoder lock was lost intermittently beginning at 2349z through 2352z due to bad weather. This anomaly resulted in the loss of 470 frames of SSR data. See DR #G114242 for more information.
- On day 249, during the DSS-55 support, turbo decoder lock was lost briefly at 1232z. The SSR pointers were repositioned and all data was recovered.
- On day 250, during the DSS-63 support, turbo decoder lock was lost intermittently between 1146z and 1214z. This anomaly resulted in the loss of 56521 frames of SSR data. See DR #M107511 for more information.
- On day 251, during the DSS-63 support, turbo decoder lock was lost intermittently between 1611z and 1633z. This anomaly resulted in the loss of 4366 frames of SSR data. See DR #N109096 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 4.7 Gbits during this week.